

1

2

3

4

A

A

B

B

C

C

D

D

U_Power
Power.SchDoc

U_ESp32
ESp32.SchDoc

U_USB_2_UART
USB_2_UART.SchDoc


U_Peripherals
Peripherals.SchDoc

EN
IO0
RXD0
TXD0

EN
IO0
RXD0
TXD0

IO16
IO14
IO13
IO17
IO19
IO23
IO18
IO34
IO12
IO27

CE
SCLK
IO
SDMODE
BCLK
LRCLK
DIN
BATT_VOL
MISO
SS

Title Top Level			 Barki Engineering
Size: A4	Company: barkiEngineering	Revision:	
Date: 26/11/2022	Time: 5:39:42 PM	Sheet 1 of 5	
Reviewed By:		Drawn By: Saif Ul Islam	
Project: Azaan_Alarm.PrjPcb			

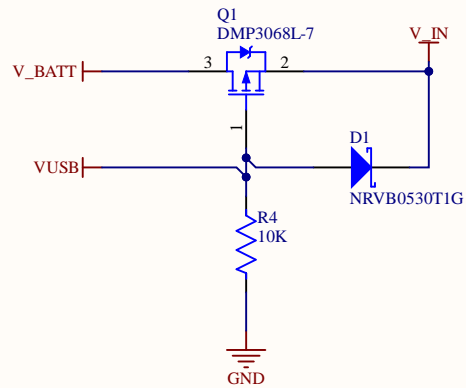


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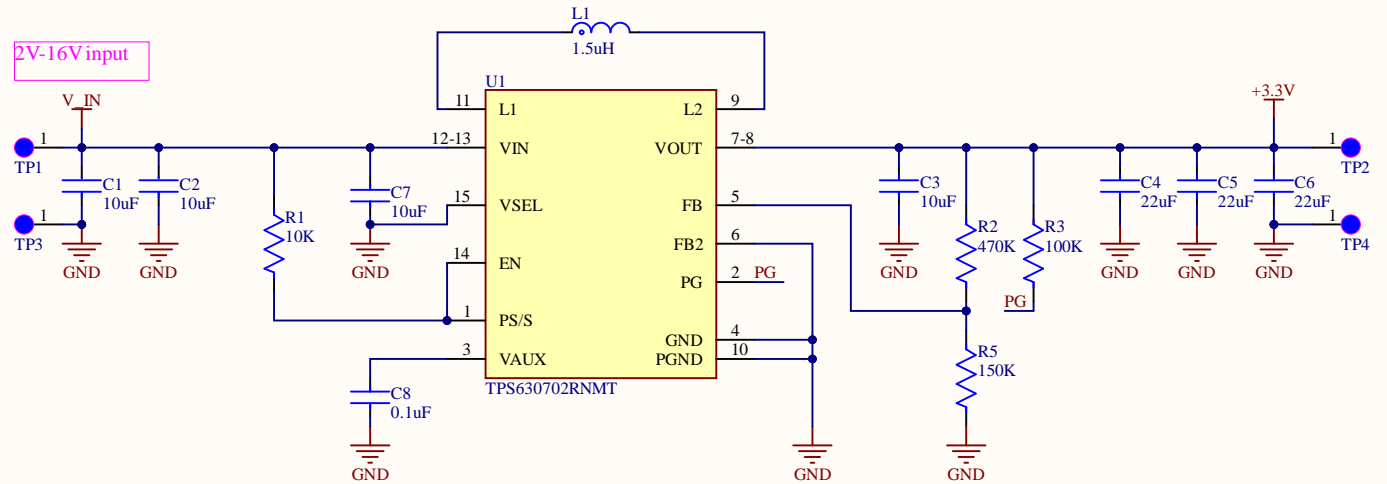
2

3

4

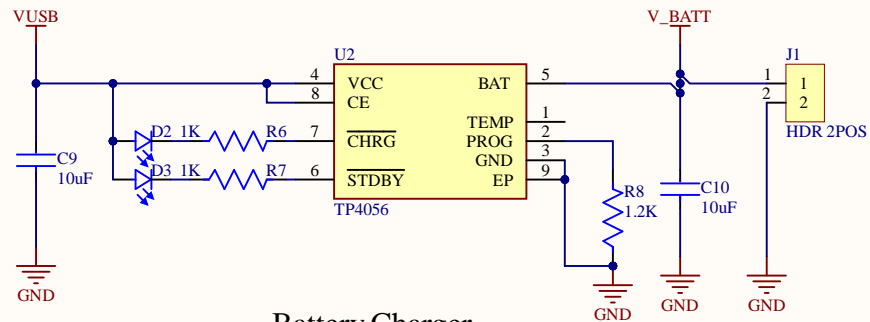


Battery/VBUS Selection




Buck-Boost Converter

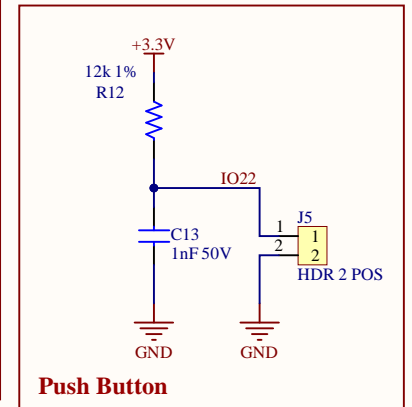
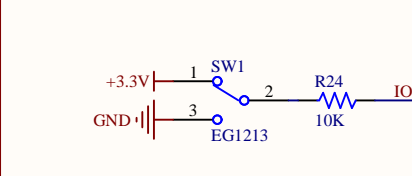
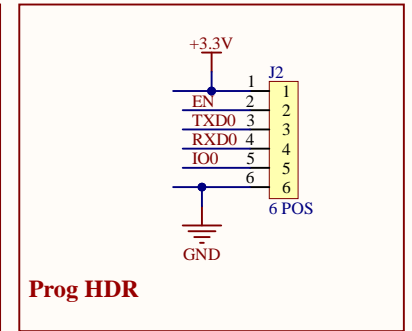
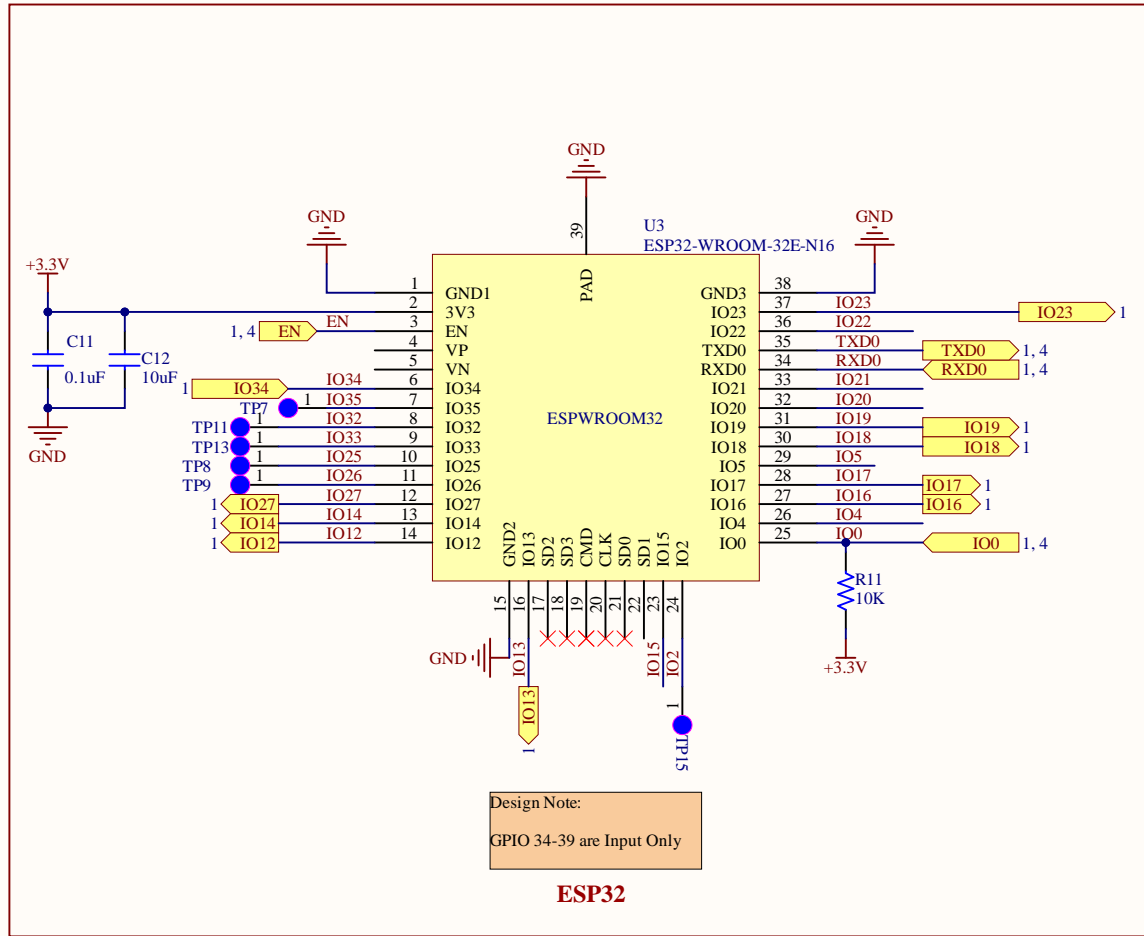
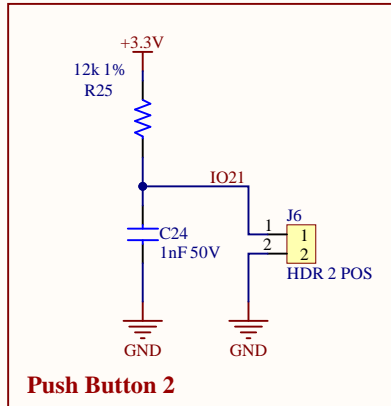
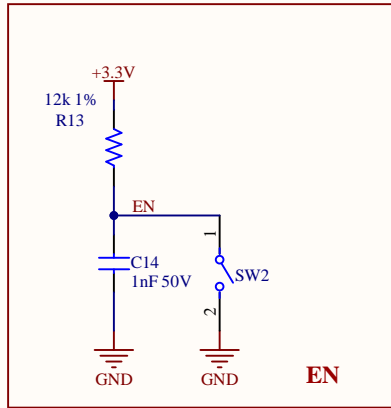
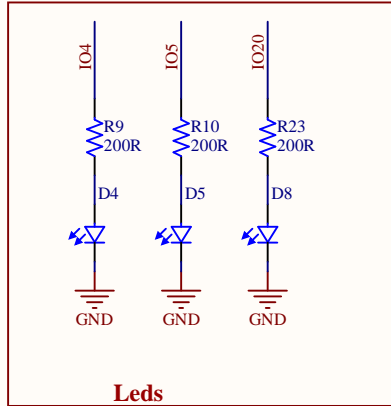
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


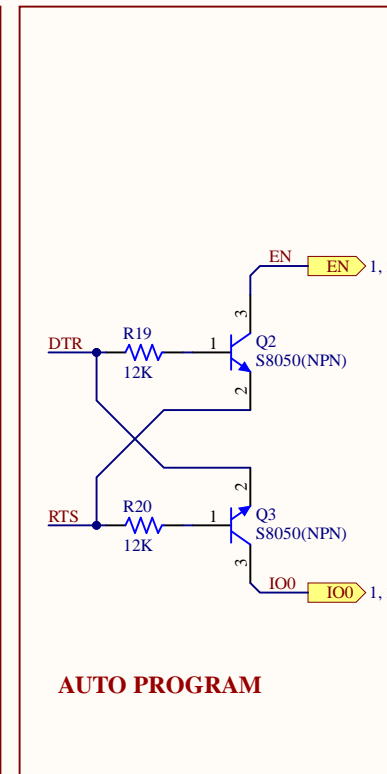
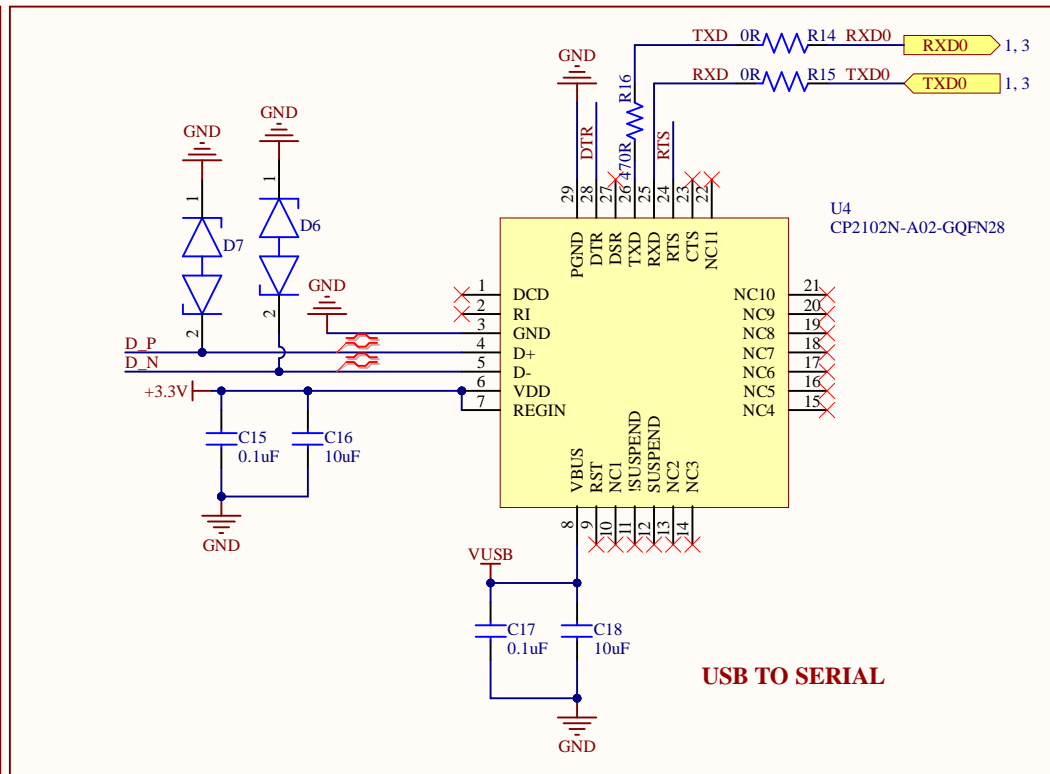
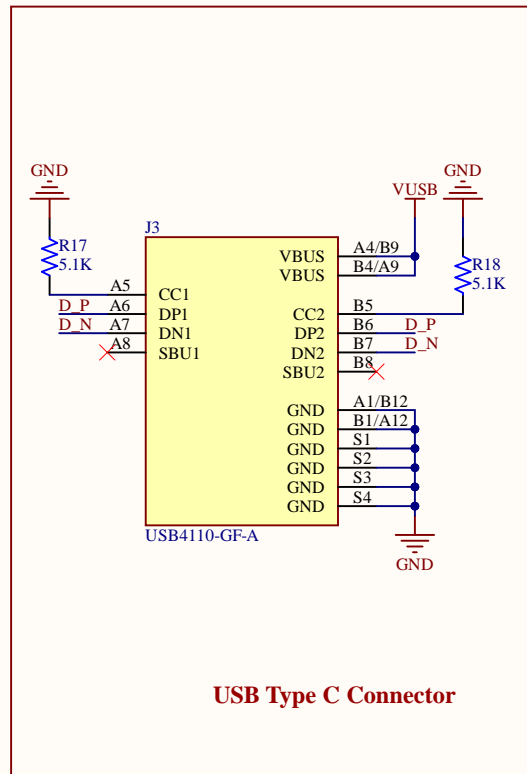
Battery Charger

Title Power			 Barki Engineering
Size: A4	Company: barkiEngineering	Revision:	
Date: 26/11/2022	Time: 5:39:43 PM	Sheet 2 of 5	
Reviewed By:		Drawn By: Saif Ul Islam	
Project: Azaan_Alarm.PrjPcb			



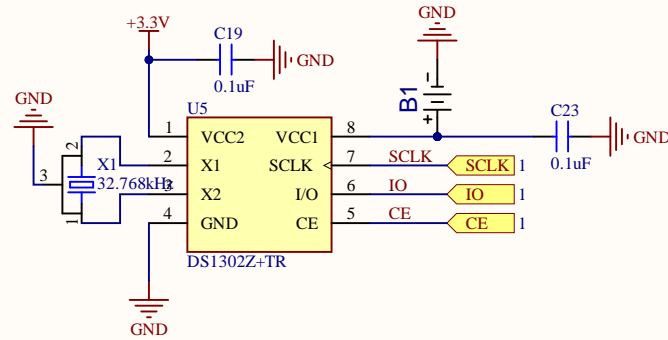
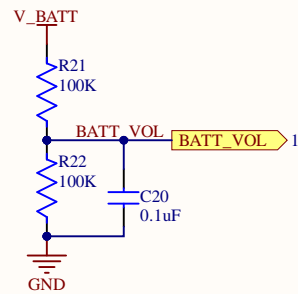


Title ESP32			 Bark Engineering
Size: A4	Company: barkiEngineering	Revision:	
Date: 26/11/2022	Time: 5:39:43 PM	Sheet 3 of 5	
Reviewed By:		Drawn By: Saif Ul Islam	
Project: Azaan Alarm.PrjPcb			

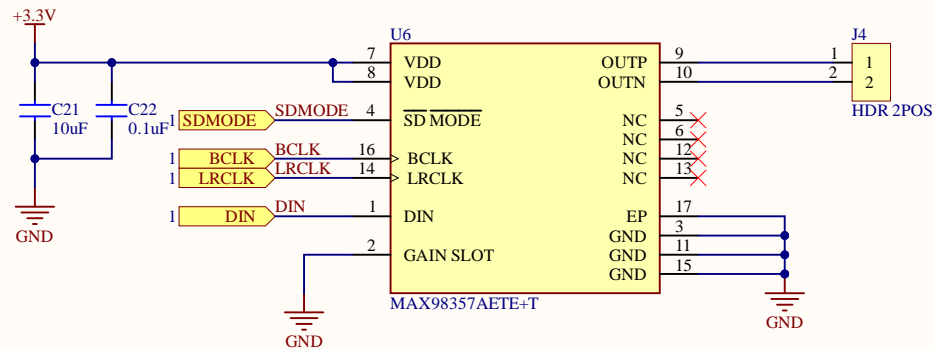
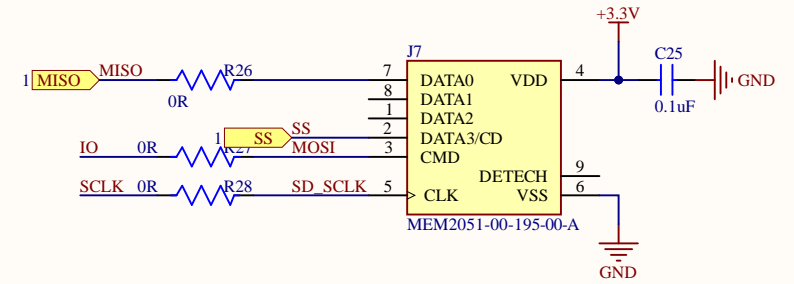


Title USB to UART		
Size: A4	Company: barkiEngineering	Revision:
Date: 26/11/2022	Time: 5:39:43 PM	Sheet 4 of 5
Reviewed By:		Drawn By: Saif UI Islam
Project: Azaan_Alarm.PrjPcb		






RTC



Amplifier

Title Peripherals			 Barkki Engineering
Size: A4	Company: barkkiEngineering	Revision:	
Date: 26/11/2022	Time: 5:39:43 PM	Sheet 5 of 5	
Reviewed By:		Drawn By: Saif Ul Islam	
Project: Azaan Alarm.PrjPcb			